MODIS Science Data Support Team (SDST) Meeting Minutes 05/21/93

ATTENDEES: John Bauernschub, Francesco Bordi, Jy-Tai Chang, Ruiming Chen, Larry Fishtahler, Al Fleig, Tom Goff, Paul Hubanks, Virginia Kalb, Ed Masuoka, John Moses, J.J. Pan, Shahin Samadi, Greg Schmidt, Carl Solomon, Jim Storey, Lalit Wanchoo

NEXT MEETING:	DATE	TIME	BUILDING	ROOM
	Friday, May 28	10:00am	22	G95

TOPICS:

1. SDST COMPUTER SYSTEMS: Two items need to be resolved before the MODIS design computer system can be moved: 1) official permission to move off base, and 2) the extension of the GSFC network to the remote site. The permission to move has been delayed due to a change in contract administrator. It is now in the priority cue of the new person. Time estimates to complete the contract modification are unknown. The network installation has been on hold pending the installation contractor's contact with the remote site network administrator. Tom Goff will assume the duties of the remote network contact. The current estimate is that it will take four to six months to install the connection.

2. MODIS GEOLOCATION: Jim Story discussed the review item discrepancies (RIDs) related to the georeferencing section of the MODIS SRR. The latest information on the platform position and attitude update interval is to be determined by Jim Storey and Tom Goff.

3. MODIS PGS PROCESSING REQUIREMENTS: The processing requirement estimate for MODIS must be updated to include the possible generation of global atmospheric profiles, plus any additional MODIS processing to support Ocean Color or other EOS satellite data.

4. MODIS LEVEL 1A SRR RIDs: All RIDs that have been received by the MODIS SDST have been resolved internally. The results will be given to the RID originators. Additional RIDs are being generated by the PGS and other elements of the EOS project. All MODIS Level 1A SRR RIDS are due in to the SDST by May 25, 1993.

5. MODIS ANCILLARY DATA REQUIREMENTS: The asynchronous nature of the MODIS ancillary data, such as the NMC and TOMS data, was discussed. The PGS is responsible for validation (with missing data interpolation, formatting, quality checking, etc.), storage, and resampling to MODIS temporal and spatial requirements. The SDST must provide the necessary programs and techniques for doing this.

6. ACCESS TO SBRC: MCST will be having a telephone conversation with SBRC every Monday morning. Harry Montgomery is joining MCST to be the main interface with SBRC. The SDST will obtain information from SBRC through the MCST and SBRC documents to minimize impact on the project.

7. INFORMATION EXCHANGE WITH OTHER INSTRUMENTS: The SDST will create a generic interface control document to serve as a guide for the document which specifies the details of each data product to be provided by one instrument (e.g. MODIS) and used by another instrument (e.g. CERES).

8. MODIS AIRBORNE SIMULATOR (MAS): There are now over 60 MAS tapes in the processing queue, and Paul Hubanks estimated that one week will be required to process a tape. He will analyze the processing of one tape, giving a breakdown of times for the various steps and identifying any limiting factors which affect the processing. This will provide a basis for estimating the time required to complete the processing of the backlog.

9. MODIS SOFTWARE ENGINEERING COURSE PLAN: The target audience for the MODIS software engineering course for the SDST and MCST members includes Tom Goff, Jim Storey, Lloyd Carpenter, Ruiming Chen, J.J. Pan, Ed Masuoka, Al Fleig, MCST people, and Chris Justice's programmer.

10. MODIS SDST CALENDAR: Lloyd Carpenter will add a two-month calendar to the back of each SDST Friday report, noting the major events: SRRs, MODIS Science Team Meetings, DIPFT meetings, MCST meetings, due dates, etc. RDC will purchase a low-cost event calendar software package for the Mac.

ACTION ITEMS:

05/14/93 [PAUL HUBANKS]. Due Date: 05/28/93. Select a sample MAS input tape and document all of the steps involved in processing the data, determining the time required for each step and identifying any limiting factors which affect the processing. STATUS: Open.
05/14/93 [J.J. PAN]. Due Date: 06/04/93. Make a list of desired features of the PGS toolkit. STATUS: Open.

05/21/93 [Tom Goff/Jim Storey]. Due Date: 05/28/93. Get the latest information on the platform position and attitude update interval from GE and/or TONS. STATUS: New.

05/21/93 [Ed Masuoka]. Due Date: 05/28/93. Arrange a meeting with the SeaWiFS group and SDST programmers to discuss SeaWiFS browse software. STATUS: New.

05/21/93 [Ruiming Chen]. Due Date: 05/24/93. Provide the latest storage requirements and qualifiers to Al Fleig for presentation to the Technical Team. STATUS: New.
05/21/93 [Lloyd Carpenter]. Due Date: 05/28/93. Post the SDST responses to all currently received RIDs back to the original writers. STATUS: New.

05/21/93 [SDST]. Due Date: ??/??/??. Create a generic document template for the interchange of information between MODIS and other instruments. STATUS: New.

05/21/93 [SDST]. Due Date: 06/18/93. Complete the first draft of the MODIS Operations Concept document. Provide a plan for this document by 05/28/93. STATUS: New.